

WEST Search History

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Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	5215743.pn. or 4894225.pn. or 4980160.pn. or 5942417.pn.	4
<input type="checkbox"/>	L3	L2 not l1	3
<input type="checkbox"/>	L2	PRO1356 or (pro 1356) or dna64886?	709
<input type="checkbox"/>	L1	godowski-p\$.in.	1780

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(FILE 'HOME' ENTERED AT 14:02:11 ON 28 OCT 2005)

FILE 'MEDLINE' ENTERED AT 14:02:19 ON 28 OCT 2005

L1 505 S CLAUDIN?

L2 51 S CLAUDIN-2

FILE 'STNGUIDE' ENTERED AT 14:05:36 ON 28 OCT 2005

FILE 'EMBASE, CAPLUS' ENTERED AT 14:15:17 ON 28 OCT 2005

L3 148 S CLAUDIN-2

FILE 'EMBASE, CAPLUS, MEDLINE' ENTERED AT 14:16:01 ON 28 OCT 2005

L4 178 S (CLD2 OR CLDN2 OR UNQ705 OR HJNCT OR SP82) AND PY<2000

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=> s claudin-2 (15a) human
L1 24 CLAUDIN-2 (15A) HUMAN

=> d ti, au, so 1-24

L1 ANSWER 1 OF 24 MEDLINE on STN
TI Interleukin-13 is the key effector Th2 cytokine in ulcerative colitis that affects epithelial tight junctions, apoptosis, and cell restitution.
AU Heller Frank; Florian Peter; Bojarski Christian; Richter Jan; Christ Melanie; Hillenbrand Bernd; Mankertz Joachim; Gitter Alfred H; Burgel Nataly; Fromm Michael; Zeitz Martin; Fuss Ivan; Strober Warren; Schulzke Jorg D
SO Gastroenterology, (2005 Aug) 129 (2) 550-64.
Journal code: 0374630. ISSN: 0016-5085.

L1 ANSWER 2 OF 24 MEDLINE on STN
TI Differential expression of **claudin-2** along the **human** intestine: Implication of GATA-4 in the maintenance of **claudin-2** in differentiating cells.
AU Escaffit F; Boudreau F; Beaulieu J-F
SO Journal of cellular physiology, (2005 Apr) 203 (1) 15-26.
Journal code: 0050222. ISSN: 0021-9541.

L1 ANSWER 3 OF 24 MEDLINE on STN
TI Tight junction proteins ZO-1, occludin, and claudins in developing and adult human perineurium.
AU Pummi Kati P; Heape Anthony M; Grenman Reidar A; Peltonen Juha T K; Peltonen Sirkku A
SO journal of histochemistry and cytochemistry : official journal of the Histochemistry Society, (2004 Aug) 52 (8) 1037-46.
Journal code: 9815334. ISSN: 0022-1554.

L1 ANSWER 4 OF 24 MEDLINE on STN
TI Functional crosstalk between Wnt signaling and Cdx-related transcriptional activation in the regulation of the claudin-2 promoter activity.
AU Mankertz Joachim; Hillenbrand Bernd; Tavalali Shida; Huber Otmar; Fromm Michael; Schulzke Jorg Dieter
SO Biochemical and biophysical research communications, (2004 Feb 20) 314 (4) 1001-7.
Journal code: 0372516. ISSN: 0006-291X.

L1 ANSWER 5 OF 24 MEDLINE on STN
TI Cloning of the **human claudin-2** 5'-flanking region revealed a TATA-less promoter with conserved binding sites in mouse and **human** for caudal-related homeodomain proteins and hepatocyte nuclear factor-1alpha.
AU Sakaguchi Takanori; Gu Xiubin; Golden Heidi M; Suh EunRan; Rhoads David B; Reinecker Hans-Christian
SO Journal of biological chemistry, (2002 Jun 14) 277 (24) 21361-70.
Electronic Publication: 2002-04-04.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 6 OF 24 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN
TI Interleukin-13 is the key effector Th2 cytokine in ulcerative colitis that affects epithelial tight junctions, apoptosis, and cell restitution.
AU Heller F.; Florian P.; Bojarski C.; Richter J.; Christ M.; Hillenbrand B.; Mankertz J.; Gitter A.H.; Burgel N.; Fromm M.; Zeitz M.; Fuss I.; Strober W.; Schulzke J.D.
SO Gastroenterology, (2005) Vol. 129, No. 2, pp. 550-564.
Refs: 43
ISSN: 0016-5085 CODEN: GASTAB

L1 ANSWER 7 OF 24 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN
 TI Differential expression of **claudin-2** along the **human** intestine: Implication of GATA-4 in the maintenance of **claudin-2** in differentiating cells.
 AU Escaffit F.; Boudreau F.; Beaulieu J.-F.
 SO Journal of Cellular Physiology, (2005) Vol. 203, No. 1, pp. 15-26.
 Refs: 55
 ISSN: 0021-9541 CODEN: JCLLAX

L1 ANSWER 8 OF 24 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN
 TI Tight junction proteins ZO-1, occludin, and claudins in developing and adult human perineurium.
 AU Pummi K.P.; Heape A.M.; Grenman R.A.; Peltonen J.T.K.; Peltonen S.A.
 SO Journal of Histochemistry and Cytochemistry, (2004) Vol. 52, No. 8, pp. 1037-1046.
 Refs: 31
 ISSN: 0022-1554 CODEN: JHCYAS

L1 ANSWER 9 OF 24 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN
 TI Functional crosstalk between Wnt signaling and Cdx-related transcriptional activation in the regulation of the claudin-2 promoter activity.
 AU Mankertz J.; Hillenbrand B.; Tavalali S.; Huber O.; Fromm M.; Schulzke J.-D.
 SO Biochemical and Biophysical Research Communications, (20 Feb 2004) Vol. 314, No. 4, pp. 1001-1007.
 Refs: 28
 ISSN: 0006-291X CODEN: BBRCA

L1 ANSWER 10 OF 24 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN
 TI Cloning of the **human claudin-2** 5'-flanking region revealed a TATA-less promoter with conserved binding sites in mouse and **human** for caudal-related homeodomain proteins and hepatocyte nuclear factor-1 α .
 AU Sakaguchi T.; Gu X.; Golden H.M.; Suh E.; Rhoads D.B.; Reinecker H.-C.
 SO Journal of Biological Chemistry, (14 Jun 2002) Vol. 277, No. 24, pp. 21361-21370.
 Refs: 55
 ISSN: 0021-9258 CODEN: JBCHA3

L1 ANSWER 11 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Interleukin-13 is the key effector Th2 cytokine in ulcerative colitis that affects epithelial tight junctions, apoptosis, and cell restitution
 AU Heller, Frank; Florian, Peter; Bojarski, Christian; Richter, Jan; Christ, Melanie; Hillenbrand, Bernd; Mankertz, Joachim; Gitter, Alfred H.; Buerge, Nataly; Fromm, Michael; Zeitz, Martin; Fuss, Ivan; Strober, Warren; Schulzke, Joerg D.
 SO Gastroenterology (2005), 129(2), 550-564
 CODEN: GASTAB; ISSN: 0016-5085

L1 ANSWER 12 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Differential expression of **claudin-2** along the **human** intestine: implication of GATA-4 in the maintenance of **claudin-2** in differentiating cells
 AU Escaffit, F.; Boudreau, F.; Beaulieu, J.-F.
 SO Journal of Cellular Physiology (2004), Volume Date 2005, 203(1), 15-26
 CODEN: JCLLAX; ISSN: 0021-9541

L1 ANSWER 13 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Derivatives of cyclic quinone that regulate gene expression for use in prevention or therapy of human diseases

IN Padia, Janak K.; O'Brien, Sean; Lu, Jiemin; Pikul, Stanislaw
SO PCT Int. Appl., 115 pp.
CODEN: PIXXD2

L1 ANSWER 14 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Genes showing altered patterns of expression in colon cancer and their use
in diagnosis and therapy
IN Martinez, Robert Vincent; Brown, Eugene; Liu, Wei
SO PCT Int. Appl., 167 pp.
CODEN: PIXXD2

L1 ANSWER 15 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Differentially expressed genes and encoded proteins involved in cancer and
their diagnostic and therapeutic uses
IN Bournier, Maureen J.; Bu, Jia-Ying J.; Head, Richard D.; Hippenmeyer, Paul
J.; Klein, Barbara K.; Mazzarella, Richard A.; Staten, Nicholas R.
SO PCT Int. Appl., 257 pp.
CODEN: PIXXD2

L1 ANSWER 16 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Claudins 2, 3, 4, and 5 in Paget's disease and breast carcinoma
AU Soini, Ylermi
SO Human Pathology (2004), 35(12), 1531-1536
CODEN: HPCQA4; ISSN: 0046-8177

L1 ANSWER 17 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Tight junction proteins ZO-1, occludin, and claudins in developing and
adult human perineurium
AU Pummi, Kati P.; Heape, Anthony M.; Grenman, Reidar A.; Peltonen, Juha T.
K.; Peltonen, Sirkku A.
SO Journal of Histochemistry and Cytochemistry (2004), 52(8), 1037-1046
CODEN: JHCYAS; ISSN: 0022-1554

L1 ANSWER 18 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Functional crosstalk between Wnt signaling and Cdx-related transcriptional
activation in the regulation of the claudin-2 promoter activity
AU Mankertz, Joachim; Hillenbrand, Bernd; Tavalali, Shida; Huber, Otmar;
Fromm, Michael; Schulzke, Jorg-Dieter
SO Biochemical and Biophysical Research Communications (2004), 314(4),
1001-1007
CODEN: BBRCA9; ISSN: 0006-291X

L1 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Tight junction-related protein expression and distribution in human
corneal epithelium
AU Ban, Yuriko; Dota, Atsuyoshi; Cooper, Leanne J.; Fullwood, Nigel J.;
Nakamura, Takahiro; Tsuzuki, Masakatsu; Mochida, Chikako; Kinoshita,
Shigeru
SO Experimental Eye Research (2003), 76(6), 663-669
CODEN: EXERA6; ISSN: 0014-4835

L1 ANSWER 20 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Nucleic acids encoding human colon tumor-associated proteins and their
uses in therapy and diagnosis of colon cancer
IN Stolk, John A.; Xu, Jiangchun; Chenault, Ruth A.; Meagher, Madeleine Joy
SO U.S. Pat. Appl. Publ., 89 pp.
CODEN: USXXCO

L1 ANSWER 21 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Vasculogenesis, Angiogenesis and the Molecular Organisation of Endothelial
Junctions in the Early Human Placenta
AU Leach, Lopa; Babawale, Michael O.; Anderson, Mark; Lammiman, Michael
SO Journal of Vascular Research (2002), 39(3), 246-259
CODEN: JVREE9; ISSN: 1018-1172

L1 ANSWER 22 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Cloning of the **human claudin-2** 5'-flanking
region revealed a TATA-less promoter with conserved binding sites in mouse
and **human** for caudal-related homeodomain proteins and hepatocyte
nuclear factor-1 α
AU Sakaguchi, Takanori; Gu, Xiubin; Golden, Heidi M.; Suh, EunRan; Rhoads,
David B.; Reinecker, Hans-Christian
SO Journal of Biological Chemistry (2002), 277(24), 21361-21370
CODEN: JBCHA3; ISSN: 0021-9258

L1 ANSWER 23 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Interleukin-2 receptor β subunit-dependent and -independent
regulation of intestinal epithelial tight junctions
AU Nishiyama, Raisuke; Sakaguchi, Takanori; Kinugasa, Tetsushi; Gu, Xiubin;
MacDermott, Richard P.; Podolsky, Daniel K.; Reinecker, Hans-Christian
SO Journal of Biological Chemistry (2001), 276(38), 35571-35580
CODEN: JBCHA3; ISSN: 0021-9258

L1 ANSWER 24 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN
TI Induction of Tight Junctions in Human Connexin 32 (hCx32)-Transfected
Mouse Hepatocytes: Connexin 32 Interacts with Occludin
AU Kojima, Takashi; Sawada, Norimasa; Chiba, Hideki; Kokai, Yasuo; Yamamoto,
Masao; Urban, Marcia; Lee, Gang-Hong; Hertzberg, Elliot L.; Mochizuki,
Yohichi; Spray, David C.
SO Biochemical and Biophysical Research Communications (1999), 266(1),
222-229
CODEN: BBRCA9; ISSN: 0006-291X

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LOCUS AAG17984 230 aa linear PRI 03-OCT-2000
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VERSION AAG17984.1 GI:10503980
DBSOURCE locus AF177340 accession AF177340.1
KEYWORDS .
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
REFERENCE 1 (residues 1 to 230)
AUTHORS Gu,J.R., Wan,D.F., Zhao,X.T., Zhou,X.M., Jiang,H.Q., Zhang,P.P.,
Qin,W.X., Huang,Y., Qiu,X.K., Qian,L.F., He,L.P., Li,H.N., Yu,Y.,
Yu,J. and Han,L.H.
TITLE Novel human cDNA clone with function of inhibiting cancer cell
growth
JOURNAL Unpublished
REFERENCE 2 (residues 1 to 230)
AUTHORS Gu,J.R., Wan,D.F., Zhao,X.T., Zhou,X.M., Jiang,H.Q., Zhang,P.P.,
Qin,W.X., Huang,Y., Qiu,X.K., Qian,L.F., He,L.P., Li,H.N., Yu,Y.,
Yu,J. and Han,L.H.
TITLE Direct Submission
JOURNAL Submitted (06-AUG-1999) National Laboratory For Oncogenes & Related
Genes, Shanghai Cancer Institute, 25/Ln 2200 Xie Tu Road, Shanghai
200032, P.R. China
COMMENT Method: conceptual translation supplied by author.
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LOCUS AF358907 953 bp mRNA linear MAM 08-MAY-2001

DEFINITION *Canis familiaris* integral membrane protein claudin-2 mRNA, complete cds.

ACCESSION AF358907

VERSION AF358907.1 GI:13991612

KEYWORDS .

SOURCE *Canis familiaris* (dog)

ORGANISM *Canis familiaris*
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae; *Canis*.

REFERENCE 1 (bases 1 to 953)
AUTHORS Furuse,M., Furuse,K., Sasaki,H. and Tsukita,S.
TITLE Conversion of zonulae occludentes from tight to leaky strand type by introducing claudin-2 into Madin-Darby canine kidney I cells
JOURNAL J. Cell Biol. 153 (2), 263-272 (2001)
PUBMED 11309408

REFERENCE 2 (bases 1 to 953)
AUTHORS Furuse,M., Furuse,K., Sasaki,H. and Tsukita,S.
TITLE Direct Submission
JOURNAL Submitted (09-MAR-2001) Cell Biology, Kyoto University, Faculty of Medicine, Yoshida-Konoe, Sakyo, Kyoto 606-8501, Japan

FEATURES

Location/Qualifiers

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ORIGIN

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841 cacaggtgag ggacattggc actgtatcat gtcagaaggt gctgctgagg ctagattgac
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SEQUENCE COMPARISON

Canine Claudin-2

CLD2_CANFA

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 DT 28-FEB-2003 (Rel. 41, Last sequence update)
 DT 28-FEB-2003 (Rel. 41, Last annotation update)
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 GN CLDN2.
 OS Canis familiaris (Dog).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
 OX NCBI_TaxID=9615;
 RN [1]
 RP SEQUENCE FROM N.A.
 RC TISSUE=Liver;
 RX MEDLINE=21206012; PubMed=11309408;
 RA Furuse M., Furuse K., Sasaki H., Tsukita S.;
 RT "Conversion of zonulae occludentes from tight to leaky strand type by
 RT introducing claudin-2 into Madin-Darby canine kidney I cells.";
 RL J. Cell Biol. 153:263-272(2001). April
 CC -!- FUNCTION: Component of tight junction (TJ) strands.
 CC -!- SUBCELLULAR LOCATION: Integral membrane protein.
 CC -!- SIMILARITY: Belongs to the claudin family.
 DR EMBL; AF358907; AAK51433.1; -.
 DR InterPro; IPR006187; Claudin.
 DR InterPro; IPR005411; Claudin2.
 DR InterPro; IPR006188; Claudin_reg.
 DR InterPro; IPR004031; PMP22_Claudin.
 DR Pfam; PF00822; PMP22_Claudin; 1.
 DR PRINTS; PR01077; CLAUDIN.
 DR PRINTS; PR01589; CLAUDIN2.
 DR PROSITE; PS01346; CLAUDIN; 1.
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 FT TRANSMEM 82 102 POTENTIAL.
 FT TRANSMEM 117 137 POTENTIAL.
 FT TRANSMEM 163 183 POTENTIAL.
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Best Local Similarity 93.5%; Pred. No. 1.6e-87;

Matches 215; Conservative 8; Mismatches 7; Indels 0; Gaps 0;

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